

CURRICULUM VITAE

S. Elizabeth Whitmore, M.D., Sc.M.

ADDRESS:

Office: Johns Hopkins University School of Medicine
Department of Dermatology
550 North Broadway, Suite 1002
Baltimore, Maryland 21205

BORN:

EDUCATION:

1977-1980 Purdue University, B.S. Engineering
1980-1984 Indiana University School of Medicine, M.D.
1993-2000 Johns Hopkins University School of Medicine and School of Hygiene and Public Health -
Graduate Training Program in Clinical Investigation, Sc.M. Clinical Investigation

POSTGRADUATE TRAINING:

1984-1985 Internal Medicine Intern at Methodist Hospital of Indiana
1985-1987 Dermatology Resident at the University of Virginia
1987-1988 Dermatology Chief Resident at the University of Virginia

ACADEMIC APPOINTMENTS:

1988-1991 Instructor, Department of Dermatology, Johns Hopkins University School of Medicine
1991-2000 Assistant Professor, Department of Dermatology, Johns Hopkins University
School of Medicine
2000-present Associate Professor, Department of Dermatology, Johns Hopkins University School of
Medicine

JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE ACADEMIC COURSES AND SPONSORED
CONTINUING MEDICAL EDUCATION

1993-present Course Director, Clinical Skills in Dermatology, Second Year Medical School Curriculum
1996-present Course Director, Pathophysiology of the Skin, Second Year Medical School Curriculum
2001-present Administrative Editor and Course Director, Practical Reviews in Dermatology, Jointly
sponsored by Johns Hopkins University School of Medicine and Oakstone Medical
Publishing
2001-present Advisory Board Member, Advanced Studies in Medicine, Johns Hopkins Medical Institutions,
Publisher, Galen Publishing, LCC
2001 Lecturer, Johns Hopkins University School of Medicine Sponsored Course: Managing the
Risk of Pregnancy for Teratogenic Drugs Used in Dermatology

BOARDS, CERTIFICATION, AND PROFESSIONAL SOCIETIES:

1985 - Board certification - National Board of Medical Examiners
1988 - Board certification - American Board of Dermatology
1989 - present Fellow American Academy of Dermatology
1989 - present Maryland Dermatological Society
1989 - present Johns Hopkins University Medical and Surgical Association
1990 - present American Contact Dermatitis Society
1995 - present Hair Research Society
1995 - present American Society for Photobiology
1996 - present Photomedicine Society
1997 - present Christian Medical and Dental Society

ELECTED OFFICES

1999-present American Contact Dermatitis Society Board of Directors

NATIONAL COMMITTEES: APPOINTMENTS

1993-1996 American Academy of Dermatology Contact Dermatitis Liaison Committee
1995 - present National Institute of Health National Skin Diseases Workgroup
1996 - present American Academy of Dermatology EPA/National Institutes of Environmental Health Sciences Liaison Committee

JOHNS HOPKINS SCHOOL OF MEDICINE COMMITTEES

1993 - present Johns Hopkins University Pharmacy and Therapeutics Committee
1993 - present Johns Hopkins Department of Dermatology Credentialing Committee
1994 - 1997 Johns Hopkins School of Medicine Admissions Committee

HONORS, AWARDS

1995-1997 The Skin Cancer Foundation Henry Schmeyer Award
— research support)
1996-1998 The Cancer Society Individual Institutional Award
— research support)
1996-1999 The Dermatology Foundation Clinical Career Development Award
— 1year salary support for 3 years)
1997-1998 The Dermatology Foundation Research Grant Award

PEER REVIEW PUBLICATIONS

1. Whitmore SE, Wilson BB, Cooper PH: Late onset nevus of OTA. Cutis 1991; 48:213-216.
2. Whitmore SE: Multiple xanthogranulomas in an adult: Case report and review of the literature. Brit J Dermatol 1992; 127:177-181.
3. Whitmore SE: The importance of proper vehicle selection in the detection of minoxidil sensitivity. Arch Dermatol 1992; 128:653-656.
4. Whitmore SE, Rotter F, Simmons-O'Brien E: Hypopigmented mycosis fungoides. Arch Dermatol 1994; 130:476-480.

5. Whitmore SE, Rosenshein NB, Provost TT: Ovarian cancer in patients with dermatomyositis. Medicine 1994; 73:153-160.
6. Whitmore SE: Dexamethasone induced generalized dermatitis. Br J Dermatol 1994; 131:296-297.
7. Strickland PT, Rosenthal FS, Nethercott JR, Whitmore SE, Munoz B, West SK, Taylor HR: Relationship of UVB dose and non-melanoma skin cancer: The Maryland watermen study. Cancer Bulletin 1993; 45:200-204.
8. Whitmore SE, Wigley FM, Wise RA: Acute effect of topical minoxidil on digital blood flow in patients with Raynaud's phenomenon. J Rheumatol 1995; 22:50-54.
9. Whitmore SE: Delayed systemic allergic reactions to corticosteroids. Contact Dermatitis 1995; 32:193-198.
10. Whitmore SE, Morison WL: Ultraviolet radiation induced suppression of the primary allergic response: 4 times the minimal erythema dose. Photodermatol Photoimmunol Photomed 1995; 11:159-162.
11. Whitmore SE, Morison WL: Prevention of UVB induced immunosuppression in man by a high sun protection factor sunscreen. Arch Dermatol 1995; 131:1128-1133.
12. Whitmore SE, Watson RM, Rosenshein NB, Provost TT: Dermatomyositis sine myositis: Association with malignancy. J Rheumatol 1996; 23:101-105.
13. Whitmore SE, Sharatz EF, Belsito DV, Maibach HI, Nethercott JR: Aeroallergen patch testing in patients presenting to contact dermatitis clinics. J Am Acad Dermatol 1996; 35:700-704.
14. Saah AJ, Horn TJ, Hoover DR, Chen C, Whitmore SE, Flynn C, Wesch J, Detels R, Anderson R: Solar ultraviolet radiation exposure does not appear to exacerbate HIV infection in gay men. AIDS 1997; 11:1773-1778.
15. Whitmore SE, Anhalt GJ, Provost TT, Zaczur HA, Helzlsouer KJ, Hamper UM, Rosenshein NB: Serum CA-125 screening for ovarian cancer in patients with dermatomyositis. Gyn Oncol 1997; 65:211-244.
16. Allbritton J, Simmons-O'Brien E, Hutcheons D, Whitmore SE: Cronkhite-Canada syndrome: Report of two cases, biopsy findings in the associated alopecia, and a new treatment option. Cutis 1998; 61:229-232.
17. Whitmore SE, Levine MA: The relationship of skin thickness and bone density: A review. J Am Acad Dermatol 1998; 38:248-255.
18. Morison WL, Gaughman RD, Day RM, Forbes PD, Hoenigsman H, Krueger GG, Lebwohl M, Lew R, Naldi L, Parrish JA, Piepkorn M, Stern RS, Weinstein GD, Whitmore SE: Consensus workshop on the toxic effects of long-term PUVA therapy. Arch Dermatol 1998; 134:595-598.
19. Kaufman KD, et al., and the Finasteride Male Pattern Hair Loss Study Group. Finasteride in the treatment of men with androgenetic alopecia. J Am Acad Dermatol 1998; 39:578-589.

20. Tausk F, Whitmore SE. A pilot study of hypnosis in the treatment of patients with psoriasis. *Psychother & Psychosom* 1999;68:221-225.
21. Whitmore SE, Tausk F: Short anagen syndrome. *J Clin Dermatol* 1999;2:30-32.
22. Tausk F, Whitmore SE, Katabchi N. Dermatitis from interferon Alpha 2b. *J Clin Dermatol* 1999; 2:19-20.
23. Roberts JL, Fiedler V, Imperato-McGinley, et al. Clinical dose ranging studies with finasteride, a type 2 5 α -reductase inhibitor, in men with male pattern hair loss. *J Am Acad Dermatol* 1999; 41:555-63.
24. Aptek A, Lushniak B, Warshaw E, Whitmore SE. How do you diagnose latex allergy? *Am J Contact Dermatitis* 1999; 10:177-179.
25. Whitmore SE, Morison WL. The effect of suntan parlor exposure on delayed and contact hypersensitivity. *Photochem Photobiol* 2000;71(16):700-705.
26. Whitmore SE, Morison WL, Pollen CS, Chadwick C. Suntan parlor exposure and molecular alterations. *J Am Acad Dermatol* 2001;44:775-780.
27. Whitmore SE, Pollen CS, Chadwick CA, Strickland PT, Morison WL. Effect of photoreactivating light on UV radiation-induced alterations in human skin. *Photodermat Photoimmunol Photomed* 2001;17:213-217.

PEER REVIEW PUBLICATIONS: VIGNETTES AND ABSTRACTS

28. Whitmore SE, Greer KE: Multiple neck papules in a child with acute lymphocytic leukemia. *Arch Dermatol* 1990; 126:101.
29. Herzberg GZ, Yokel BK, Whitmore SE: A bullous eruption in a young woman. *Arch Dermatol* 1992; 128:1265.
30. Whitmore SE, Crabtree Y: A papulovesicular eruption revealing multinucleated giant cells on Tzanck smear. *Arch Dermatol* 1994; 130:1193.
31. Richards SS, Hall S, Yokel B, Whitmore SE: A bullous eruption in an elderly woman. *Arch Dermatol* 1995; 131:1447.
32. Whitmore SE, Horn TD: Cutaneous necrosis. *Arch Dermatol* 1996; 132-342.
33. Tassava TM, Rusonis P, Whitmore SE: Recurrent vesiculobullous plaques. *Arch Dermatol* 1997; 133:1581.
34. Horn TD, Saah AJ, Whitmore SE, Chen C, Hoover DR: Increased ultraviolet radiation exposure does not appear to exacerbate HIV-1 infection in gay men. *J Invest Dermatol* 1995; 104:564 (59A).

35. Horn TD, Saah AJ, Whitmore SE, Chen C, Hoover DR: Increased ultraviolet radiation exposure does not appear to exacerbate HIV-1 infection in gay men. *Photochem Photobiol* 1995; 61(S):64S (TFM-D10).
36. Whitmore SE, Morison WL: Suntan parlor exposure and immunosuppression. *Photodermatol Photoimmunol Photomed* 1998; 14:41 (abstract).
37. Whitmore SE, Potten CS, Chadwick C, Strickland P, Morison WL: Does photoreactivating light exposure after ultraviolet radiation (UVR) modify UVR induced alterations? *Photodermatol Photoimmunol Photomed* 1999; 15:159 (abstract).
38. Whitmore SE, Potten CS, Chadwick C, Strickland P, Morison WL: Suntan parlor exposure and cellular alterations. *Photochem Photobiol* 1999; 69:91s (WPM-G40).
39. Sastry C, Whitmore SE, Strickland P, Morison WL: Urinary urocanic acid excretion after single and multiple suntan parlor exposures. *Photodermatol Photoimmunol Photomed* 2000; 16:95 (abstract).

TEXT CHAPTERS, LETTERS TO THE EDITOR, AND PUBLICATION REVIEWS

40. Whitmore SE, Gottsch JD: Selected dermatoses affecting the eyelids. In: Liesegang TJ, eds: Oculodermal Diseases. Ophthalmology Clinics of North America. WB Saunders Co, Philadelphia; 1992; 5(2):345-359.
41. Goodman DF, Gottsch JD, Whitmore SE: Eyelid manifestations of metabolic and storage diseases. In: Liesegang TJ, eds: Oculodermal Diseases. Ophthalmology Clinics of North America. WB Saunders Co, Philadelphia; 1992; 5(2):361-371.
42. Connor TB, Gottsch JD, Whitmore SE, Holt PA: Connective tissue diseases affecting the eyelids. In: Liesegang TJ, eds: Oculodermal Diseases. Ophthalmology Clinics of North America. WB Saunders Co, Philadelphia; 1992; 5(2):325-343.
43. Whitmore SE, Nethercott JR: Dermatitis. In: Stein JH, editor in chief: Stein's Textbook of Internal Medicine. 4th Edition, Mosby, St. Louis; 1994:2535-2538.
44. Whitmore SE: Common problems of the skin. In: Barker LR, Burton JR, Zieve PD, eds: Principles of Ambulatory Medicine. 4th Edition, Williams and Wilkins, Baltimore; 1995:1439-1478.
45. Whitmore SE: Should atopics be patch tested? In: Taylor JS, ed: Occupational Dermatoses. Dermatologic Clinics. WB Saunders Co, Philadelphia; 1994; 12(3):491-499.
46. Whitmore SE: Color atlas of dermatology (book review). *J Am Acad Dermatol* 1995; 32:305-306.
47. Whitmore SE: Effect of tretinoin on collagen formation in photodamaged skin (letter to the Editor). *N Engl J Med* 1993; 329:2038.
48. Whitmore SE: Tubal ligation, hysterectomy, and risk of ovarian cancer (letter to the Editor). *JAMA* 1994; 271:1236.
49. Whitmore SE: Cyclosporin in severe ulcerative colitis (letter to the Editor). *N Engl J Med* 1995; 332:127.

50. Whitmore SE: Antibiotic treatment in women taking oral contraceptives (letter to the Editor). J Am Acad Dermatol 1995; 32:531.
51. Whitmore SE: The cost of topical drugs for dermatophyte infections (letter to the Editor). JAMA 1995; 274:27.
52. Whitmore SE: Vitamin D deficiency in homebound elderly persons (letter to the Editor). JAMA 1996; 275:838-839.
53. Whitmore SE: Osteoporosis and long-term etretinate therapy (letter to the Editor). Arch Dermatol 1995; 132:713-714.
54. Whitmore SE: Breast implants and connective tissue disease (letter to the Editor). JAMA 1996; 276:101-103.
55. Whitmore SE: Benign melanocytic lesions (letter to the Editor). J Am Acad Dermatol 1996; 35:1018-1019.
56. Whitmore SE: Treatment for hepatobiliary pruritus (letter to the Editor). J Am Acad Dermatol 1997; 36:279.
57. Whitmore SE: Effects of alpha-hydroxy acids on photoaged skin (letter to the Editor). J Am Acad Dermatol 1997; 36:654-655.
58. Whitmore SE: Ovarian cancer in women with germ-line mutations of BRCA1 (letter to the Editor). N Engl J Med 1997; 336:1254-1257.
59. Whitmore SE, Morison WL: Melanoma after PUVA therapy for psoriasis (letter to the Editor). N Engl J Med 1997; 337:502-503.
60. Whitmore SE: Differentiating dysplastic nevus from melanoma (letter to the Editor). JAMA 1997; 276:548-549.
61. Whitmore SE: Inhaled corticosteroids and cataracts (letter to the Editor). N Engl J Med 1997; 337:1554-1555.
62. Whitmore SE: Does estrogen prevent skin aging? (letter to the Editor). Arch Dermatol 1997; 133:1460-1462.
63. Whitmore SE: Inhaled corticosteroids and likelihood of cataract extraction (letter to the Editor). JAMA 1999; 281: 791-793.
64. Whitmore SE: Common problems of the skin. In: Barker LR, Burton JR, Zieve PD, eds: Principles of Ambulatory Medicine, 5th Edition, Williams and Wilkins, Baltimore; 1999: 1499-1539.
65. Hood AF, Whitmore SE: History and physical examination of the skin. In: Griffith LSC, ed: Hanbook of Clinical Skills. WB Saunders Co, Philadelphia; in press.
66. Whitmore SE: Concerns about a caffeine-based liposome cream. Dermatol Surg 1999; 25:827-829.

- G7. Whitmore SE: Isotretinoin has yet to be shown to affect bone density (letter to the Editor). *Arch Dermatol* 2000; 136:424.
- G8. Whitmore SE: How predictive is a history of penicillin allergy? (letter to the Editor). *JAMA* 2001; 286:1174.

ORIGINAL RESEARCH SUBMITTED FOR PUBLICATION

Whitmore SE, Kasecamp W, Levine MA: Investigation of relationship of skin thickness and bone density in women. Submitted for publication.

Whitmore SE, Madigan P, Ziegler R, Schatzkin A, Stern RS: Severe cystic or scarring acne and risk of breast cancer. Submitted for publication.

REFERENCE FOR PEER REVIEW JOURNALS

Reviewer for the American Journal of Epidemiology, Archives of Dermatology, Journal of the American Academy of Dermatology, Journal of Epidemiology and Biostatistics, Journal of Rheumatology, Pediatrics, Photochemistry and Photobiology, and Photodermatology Photoimmunology Photomedicine

SELECTED INVITED PRESENTATIONS

"Treatment of Three Common Facial Dermatoses: Acne, Rosacea, and Seborrheic Dermatitis"
Johns Hopkins Conjoint Conference, Baltimore, MD
October, 1994.

"Noninflammatory, Nonscarring Diffuse and Androgen Patterned Hair Loss"
Johns Hopkins Conjoint Conference, Baltimore, MD
September, 1994.

"Therapeutics for Common Dermatoses"
The Philip A. Tumulty Topics in Clinical Medicine, Johns Hopkins School of Medicine, Baltimore, MD
May 1993, 1994, 1995, 1996, 1997.

"How Valid are the Results of this Clinical Trial?"
American Academy of Dermatology Annual Meeting, Washington, DC
February 10-15, 1995.

"Screening for Ovarian Cancer in Women with Dermatomyositis: What's Appropriate?"
72nd Atlantic Dermatological Conference, Baltimore, MD
May 19-22, 1995.

"How Valid are the Results of this Clinical Trial?"
American Academy of Dermatology Annual Meeting, New Orleans, LA
February 4-9, 1996.

"Assessing Clinical Studies"
Dermal Clinical Evaluation Society, Rye, NY
February 14, 1996.

"Facing the Future: Aging of the Skin, Hair, and Nails" and "Assessing Clinical Studies"
Unilever Research Scientists Meeting. Unilever Research, U.S.
Edgewater Laboratory, Edgewater, NY
February 14, 1996.

"General Evaluation and Malignancy Screening for Patients with Dermatomyositis: What Is Appropriate?"
American Academy of Dermatology Annual Meeting, New York City, NY
August 1, 1997.

"Sunlair Parlor Exposure and Immunosuppression"
National Institutes of Health, Bethesda, MD
September 15, 1992.

"Short Anagen Syndrome"
2nd Intercontinental Meeting of Hair Research Societies, Washington, DC
November 5-7, 1998.

"Does Photoreactivating Light Exposure after Ultraviolet Radiation Modify UVR Induced Alterations?"
3rd Annual Meeting of the Photomedicine Society, New Orleans, LA
March 18, 1999.

"Hair Loss in Men"
Men's Health 1999, Baltimore, MD
Johns Hopkins University 3rd Annual
April 9, 1999.

"Treatment of Hair Loss"
Johns Hopkins Conjoint Conference, Baltimore, MD
April 17, 1999.

"Melanin: Does It Affect Photoisomerization of Urocanic Acid?"
Presented by Warwick Morison (au: SE Whitmore)
10th Annual Meeting of the Photomedicine Society, Washington, DC
March 1, 2001

RESEARCH

Present Contracts:

Quantitative, Biologically Relevant Parameters for Testing and Standardization of Skin
Response to Ultraviolet Radiation. 1998 - present (Consultant to Janusz Beer, PhD, DSc,
Radiation Biology Branch, FDA)

Consultative Interests:

Baltimore Longitudinal Study of Aging: Perimenopausal Initiative. The effect of postmenopausal
hormone replacement and growth hormone therapy on skin thickness. P.I. - Marc Blackman,
M.D., Michèle Belantoni, M.D.

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